

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method of generating, in a media system, at least one output signal ~~from~~ belonging to a first set of sound signals from at least one input signal ~~from~~ belonging to a second set of sound signals having a related second set of Head Related Transfer Functions, said method comprising the steps of

5 determining, for each signal in the second set of sound signals, a weighted relation comprising at least one signal ~~from~~ belonging to a third set of intermediate sound signals and at least one weight value;

10 determining a first set of Head Related Transfer Functions based on the second set of sound signals, the second set of Head Related Transfer Functions and the weighted relation; and

transferring at least one signal from the third set of intermediate sound signals by means of at least one HRTF from said

15 first set of Head Related Transfer Functions in order to generate at least one output signal belonging to said first set of sound signals.

2. (Currently Amended) A method according to claim 1, characterized in the step of determining for each signal, i in the second set of sound signals determines $CH_i = \alpha_i \cdot L + \beta_i \cdot R$, wherein α_i , and β_i each is the weight value, and wherein L and R

5 | each is a signal ~~from~~belonging to said third set of intermediate
sound signals.

3. (Currently Amended) A method according to claim 1,
characterized in the step of determining for each signal determines
 $CHI_1 = \alpha_{i1} \cdot M$ and $CHI_2 = \alpha_{i2} \cdot M$, wherein α_{i1} and α_{i2} each is the
weight value, and wherein ~~CHI_1 and CHI_2 each~~M is a signal ~~from~~
5 | belonging to said third set of intermediate sound signals.

4. (Previously Presented) A method according to claim 1,
characterized in that the media system is a TV, a CD player, a DVD
player, a Radio, a display, an amplifier, a headphone or a VCR.

5. (Previously Presented) A computer system for performing the
method according to claim 1.

6. (Previously Presented) A computer program product comprising
program code means stored on a computer readable medium for
performing the method of claim 1 when the computer program is run
on a computer.

7. (Currently Amended) A media system for generating at least
one output signal ~~from~~belonging to a first set of sound signals
from at least one input signal ~~from~~belonging to a second set of

sound signals having a related second set of Head Related Transfer

5 Functions, said media system comprising:

• means for determining, for each signal in the second set of sound signals, a weighted relation comprising at least one signal ~~from~~ belonging to a third set of intermediate sound signals and at least one weight value;

10 • means for determining a first set of Head Related Transfer Functions based on the second set of sound signals, the second set of Head Related Transfer Functions and the weighted relation; and

• means for transferring at least one signal from the third set of intermediate sound signals by means of at least one HRTF

15 from said first set of Head Related Transfer Functions in order to generate at least one output signal belonging to said first set of sound signals.